

Revision on the practical exam 6 th Prim.

Question (1):- Write down the name of the sample in front of you:- اكتب اسم العينة الموجودة امامك



Brain



One arm scale with pointer



Neuron



Nervous system



Spring balance



Skull



Medical thermometer

تمليقي لجميع دوله العراق

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[HTTP://STARPROF.M.BLOGSPOT.COM/EG/](http://STARPROF.M.BLOGSPOT.COM/EG/)

Question (2) :- Experiment التجربة

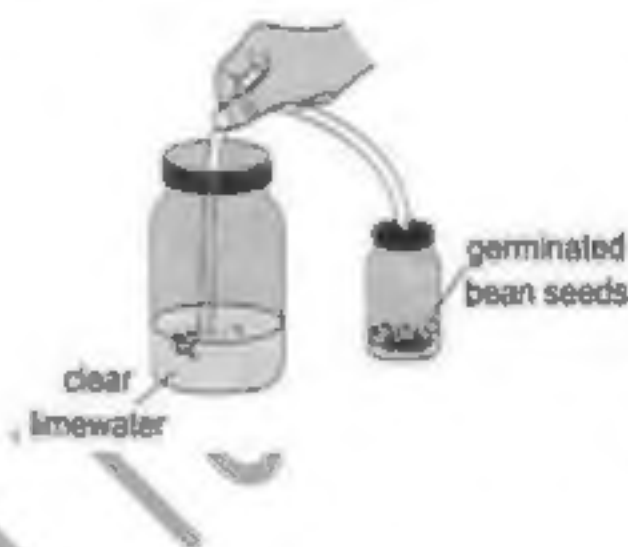
Connect a jar of germinated bean seeds to another jar containing clear lime water and leave them for a suitable time, then write your:-

Observation

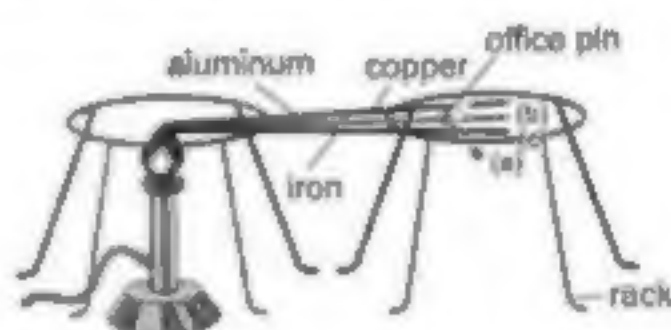
The clear lime water becomes milky

Conclusion:-

Carbon dioxide gas is produced from the plant respiration



Question (2) :- Heat three metallic rods of iron, copper and aluminium after attaching them by pins fixed by wax, and then write your:-



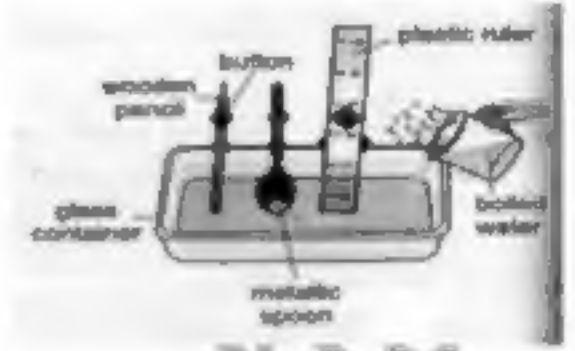
Observation:-

The pins of copper, aluminium and iron fall one after one respectively

Conclusion:-

Copper conducts heat faster than aluminium, faster than iron

Question (2) :- Stick a button by wax on a ruler, a metallic spoon and a pencil, then put them in a container filled with boiled water and then write your:-



Observation:-

The button of the spoon falls down , while the buttons of pencil and ruler do not fall

Conclusion:-

The Metallic spoon is a heat conductor material, while wood and plastic are insulators

تمنياتي للجميع دوام التفوق

Best wishes

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SCIENCE

آخبار علمی

its Name: balance scale

its used: to Measure large Masses

Types: Two-arms. scales



its Name: Sensitive scale

It used: to Measure small Masses

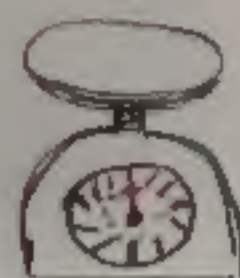
Types: Two-arms. Scales



its Name: Scale with the Pointer

It used: to Measure large Masses

Types: one-arm scale



its Name: digital scale

its used: to Measure small Masses

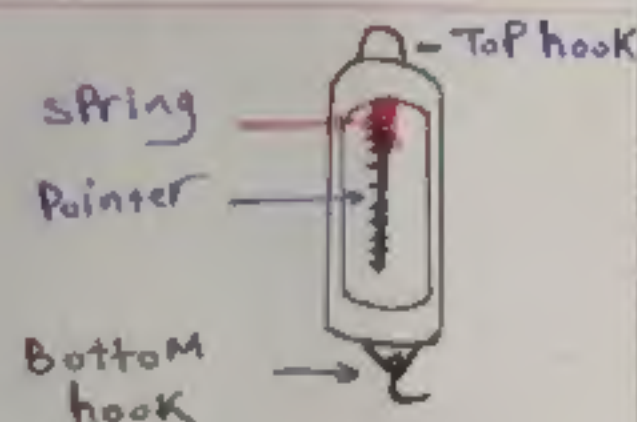
Types: one-arm scale



its Name: Spring scale

its uses: To Measure weight

Consists of: Top hook - Spring
Pointer - Bottom hook



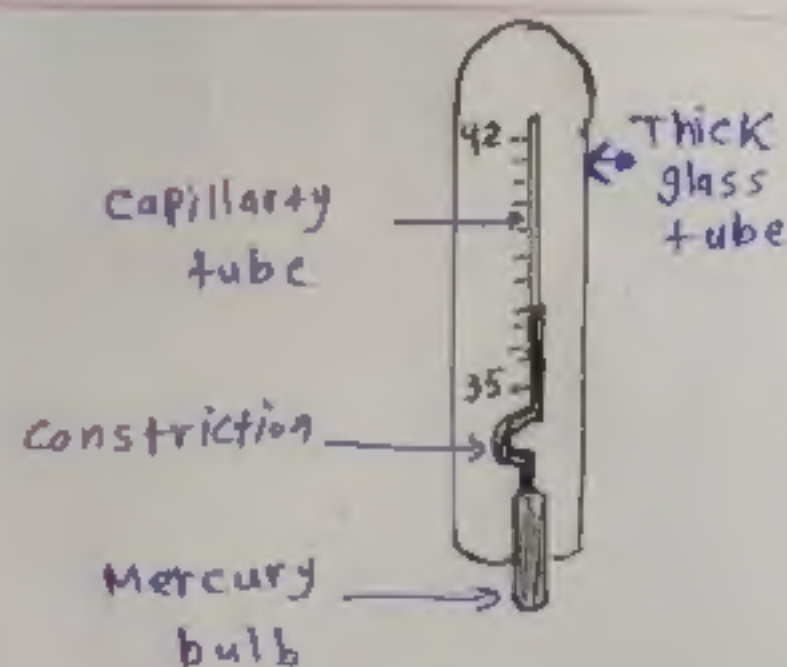
its Name: Medical temperature

its uses: To Measure the
temperature of human body

Consists of:

- ① Thick glass tube
- ② capillary tube
- ③ Constriction
- ④ Mercury bulb

Start from - 35° - to 42°

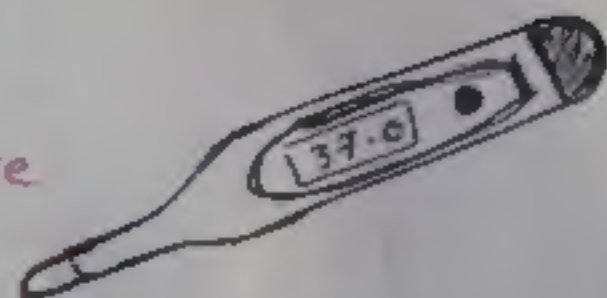


2

its name: Digital thermometers

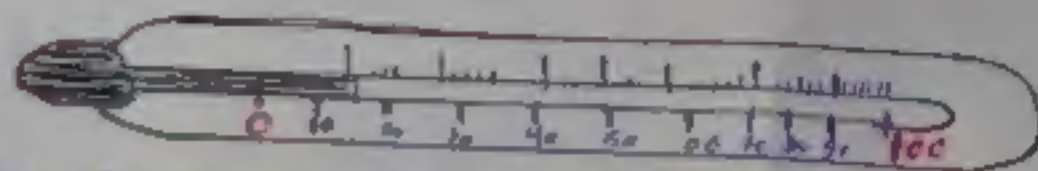
its uses: to measure the Temperature
digitally

and used especially for children



its name: Celsius thermometers

its uses: to measure the Temperature of Liquids



consists of: ① thick glass tube

② capillary tube

③ mercury bulb

start from 0° to 100°

write the labels indicated by the numbers:

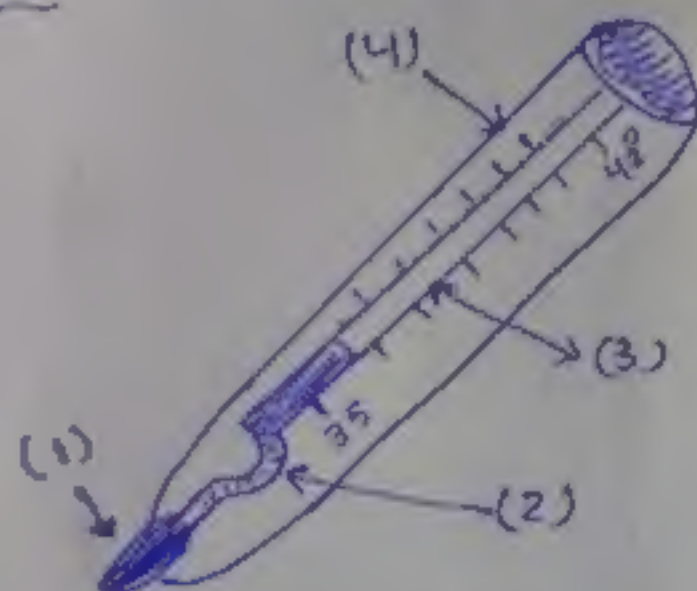
(1) Mercury bulb

(2) Constriction

(3) Capillary tube

(4) Thick glass tube

(5) The scale of this thermometer
start from 35° to 42°



(Medical) thermometer

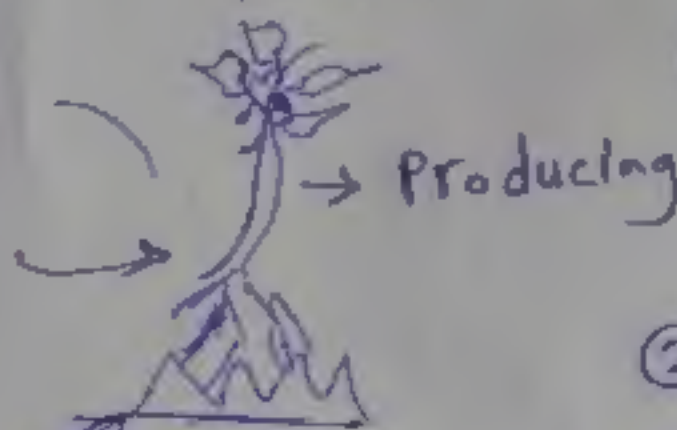
Need

in the Photosynthesis
Process

① Light energy
from the sun

② carbon dioxide
from the air

③ water and mineral salts
from the soil



① Nutrients

② oxygen

Preparation of oxygen gas

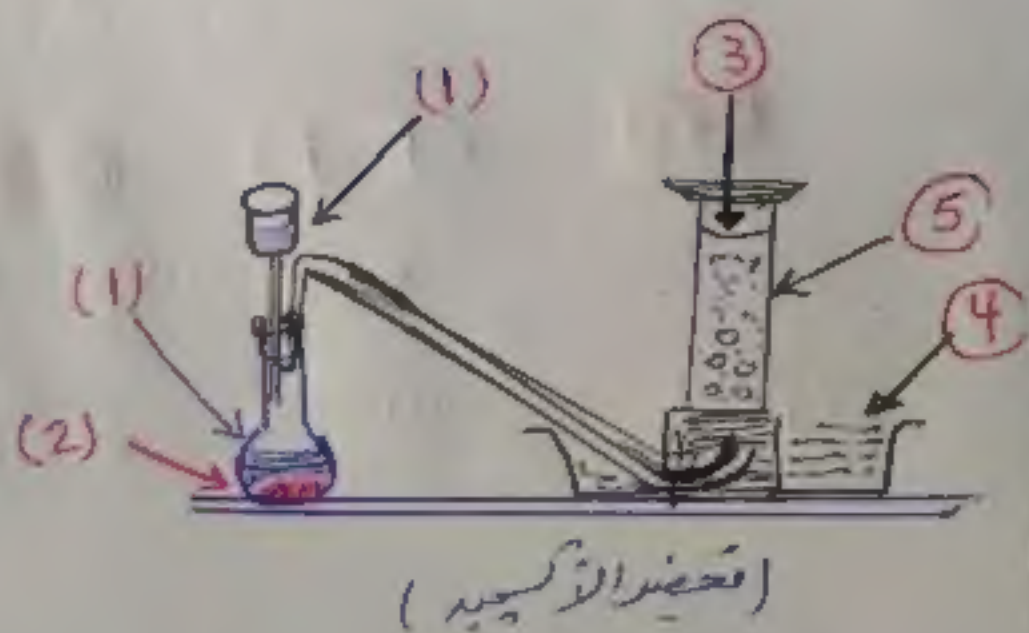
① → Hydrogen Peroxide

② → Manganese dioxide

③ - oxygen

④ - water

⑤ - cylinder



⑥ oxygen collected by downward displacement of water

Preparation of Carbon dioxide

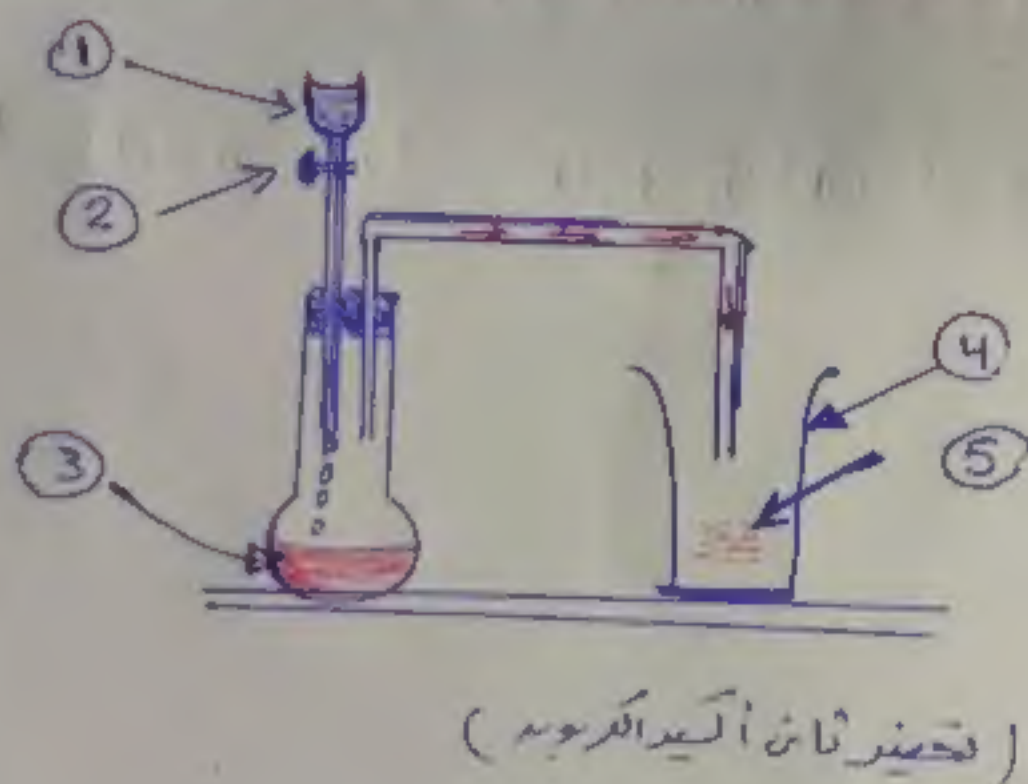
① Dilute hydrochloric acid

② Tap

③ Calcium Carbonate

④ Cylinder

⑤ carbon dioxide gas



(nerve cell) (الخلية العصبية)

(1) - Nucleus

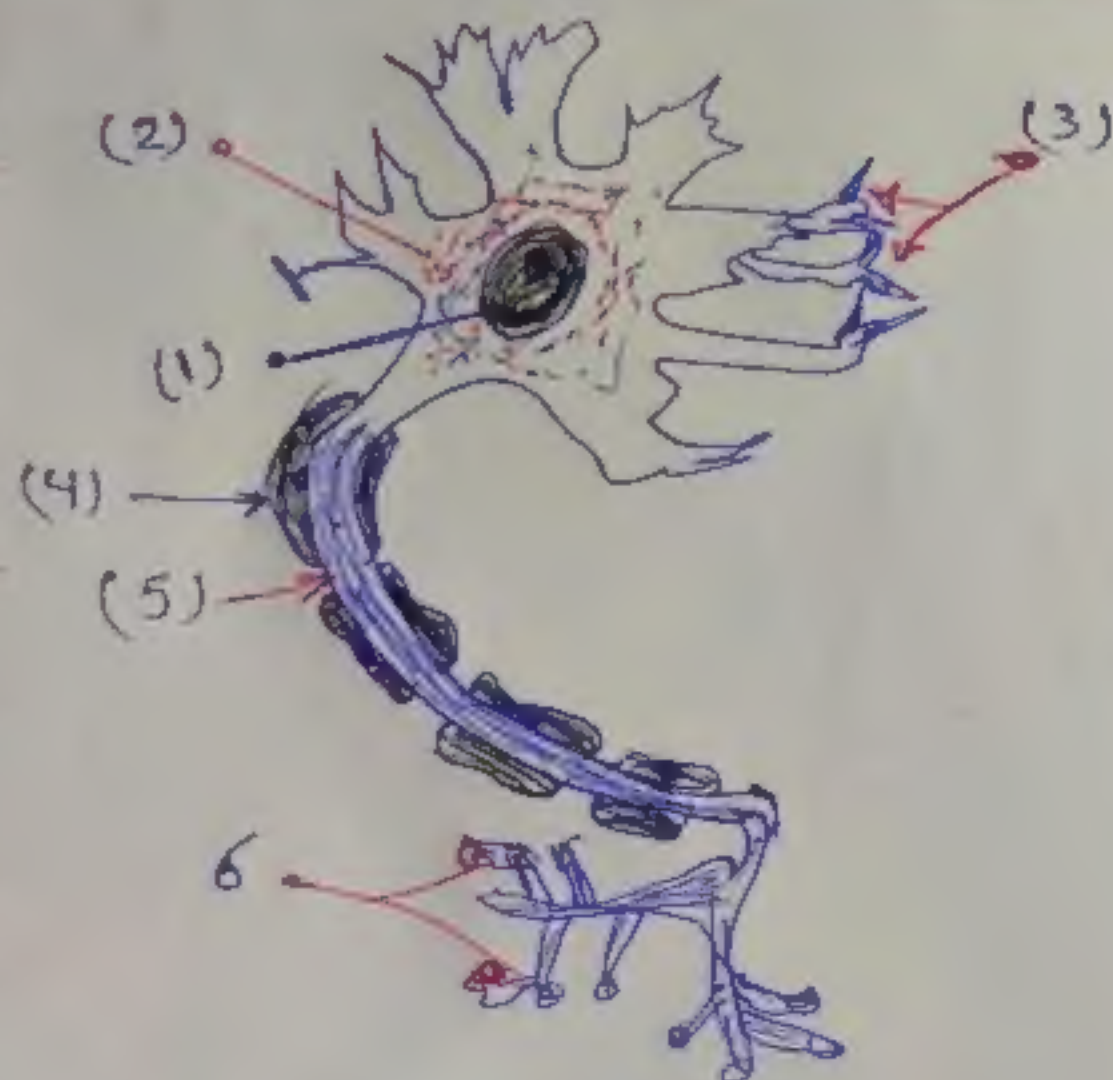
(2) - Cytoplasm

(3) - Dendrites

(4) - Myelin sheath

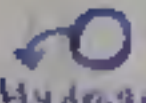
(5) - Axon


(6) Axon terminals



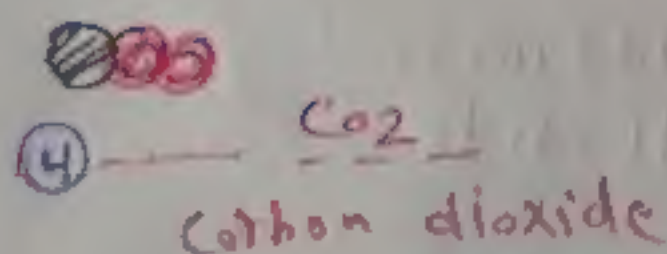
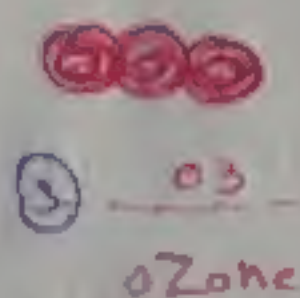
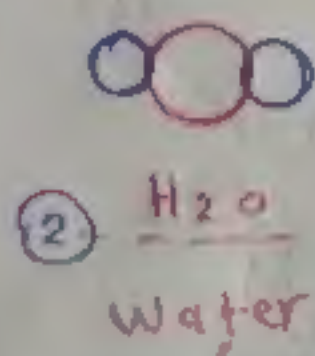
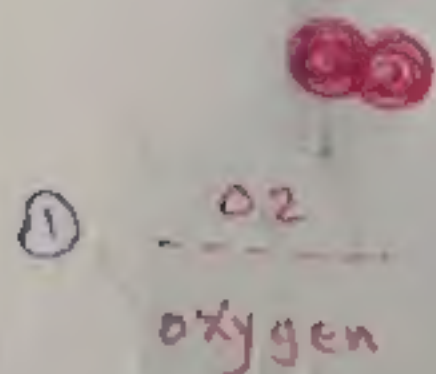
4 The Figure represents
an _____ molecule

IF \rightarrow

 Hydrogen
atom

 oxygen
atom

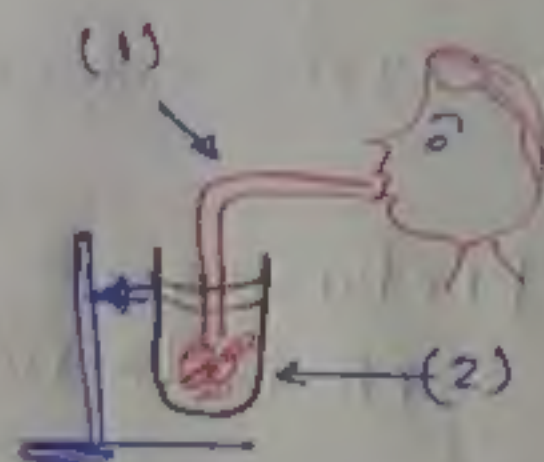
 Carbon
atom



(1) Juice straw

(2) exhaled air contains Carbon dioxide

(3) which makes lime water Milky.



in opposite Figure is \rightarrow
an Iron nail Fixed with wax
on each of the two rods

- one of the two rods

is Copper rod

and other is an aluminium rod

which rod in the opposite Figure is copper? why

(Solution)

- The rod (a) is copper because the Pin falls from it
Faster than the other rod

Copper conducts heat faster than Aluminium



First term practical examination
(2017 / 2018)

A) This Figure indicate the Structure Of ... Nerve Cell
(Neuron)

B) Write the labels indicated by the numbers

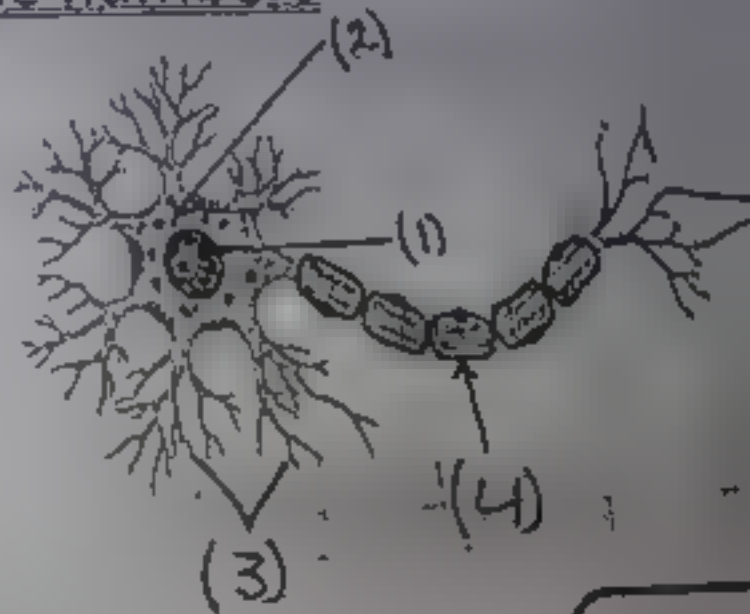
1).....Nucleus.....

3).....Cytoplasm.....

3).....Dendrites.....

4).....Myelin...sheath

5).....axon.....Terminals.

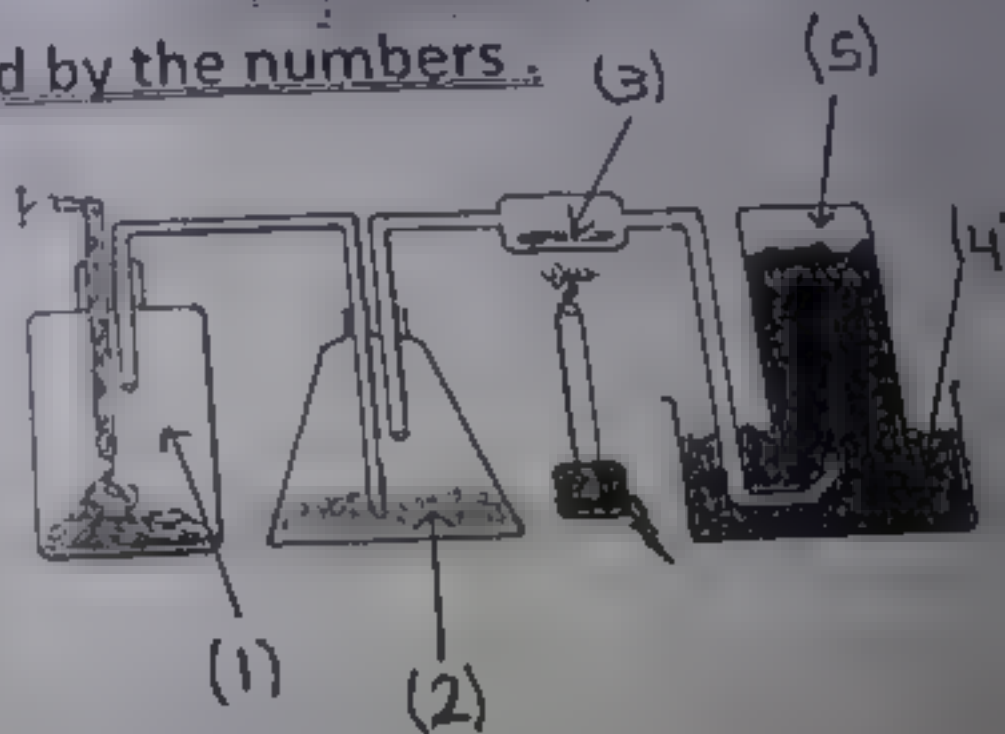


First term practical examination
(2017 / 2018)

A) This apparatus is used for the preparation
of Nitrogen

B) Write the labels indicated by the numbers.

- 1) Mixed Air
- 2) Concentrated Sodium
or potassium hydroxide
- 3) Hot Copper
- 4) Water
- 5) Nitrogen

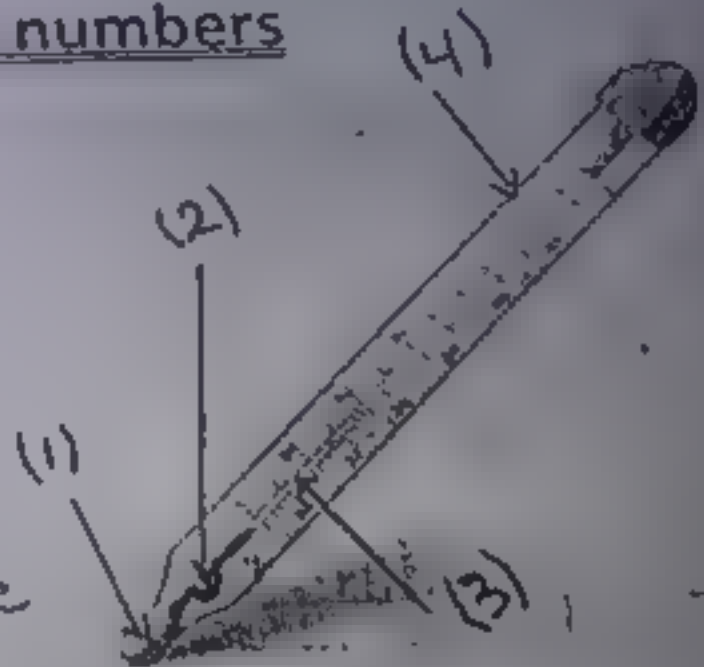


First term practical examination
(2017 / 2018)

A) This figure shows the .. Medical .. thermometer

B) Write the labels indicated by the numbers

- 1) . Mercury bulb
- 2) . Constriction ..
- 3) . Capillary .. tube
- 4) . E. .. Thick glass tube



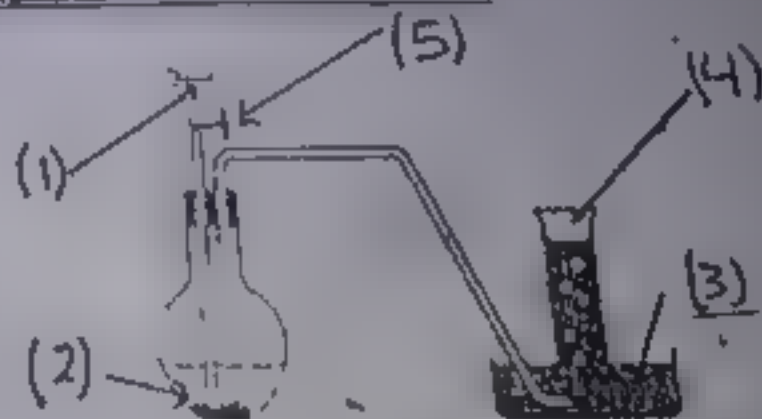
C) The scale of this thermometer start ... 35 $^{\circ}\text{C}$ to .. 42 .. $^{\circ}\text{C}$

First term practical examination
(2017 / 2018)

A) This apparatus is used for the preparation
of Oxygen

B) Write the labels indicated by the numbers

- 1) Hydrogen peroxide
- 2) ~~Tap~~ Manganese dioxide
- 3) water
- 4) Oxygen
- 5) Tap

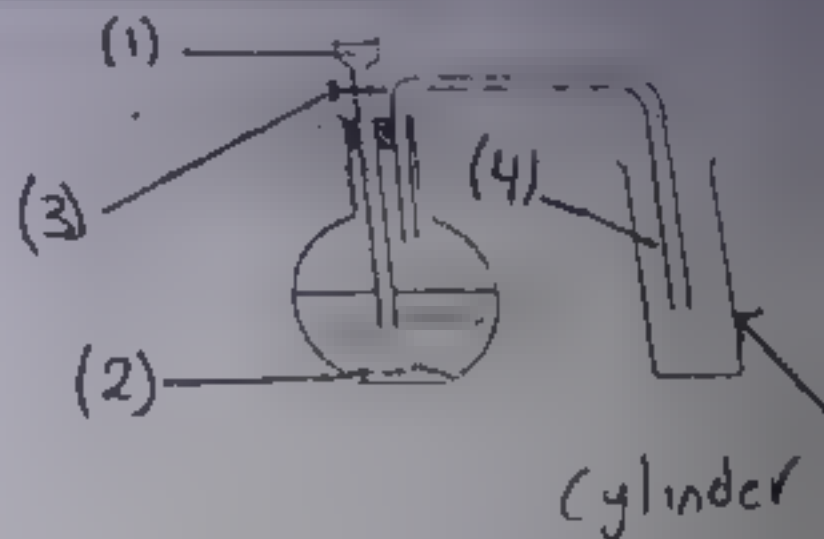


First term practical examination
(2017 / 2018)

A) This apparatus is used for the preparation of ...Carbon... dioxide gas.

B) Write the labels indicated by the numbers.

- 1, ... Dilute hydrochloric acid
- 2, ... Calcium carbonate
- 3) ... Tap
- 4) ... Carbon dioxide
- 5) ... Cylinder



Practical Science

1) A _____

a-

• its name : Medical Thermometer

its uses :

To measure temperature of

human body

b-

• its name : Celsius Thermometer

its uses : To measure temperature of
Liquids

2) _____

we find _____

- It is used to measure temperature of
- It is used to measure temperature of

3) When we observe an air condensation on the surface of

Our limewater becomes milky

Conclusion : Air contains carbon dioxide

Makes limewater milky

4) A _____

a) _____

• _____

• The organ Brain

• The labels :

1- cerebrum

2- cerebellum

3- Medulla oblongata



Q) Write the name of this system and write the labels on it

• The system ^{نظام العظام} skeletal system

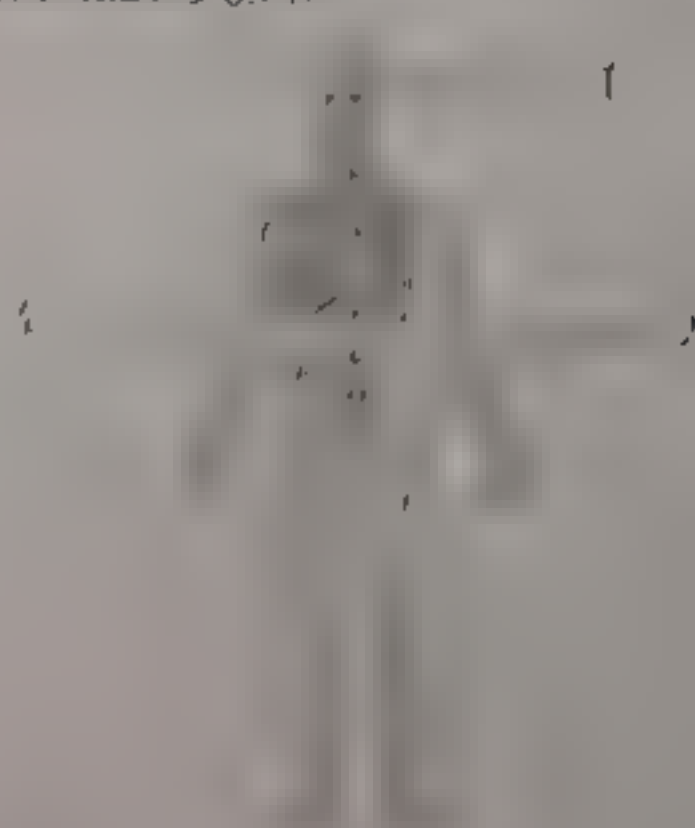
• The labels :

1- Skull ^{الجمجمة}

2- upper limbs ^{الأطراف العلوية}

3- Lower limbs ^{الأطراف السفلى}

4- Back bone ^{عمود الفقير}



Q) Write your conclusions

Q) mention formation of

1- White substance

2- black substance

Conclusions

When light enters the cylinder filled with $CaCl_2$

1- White substance is formed on the upper part

2- black substance is formed on the lower part

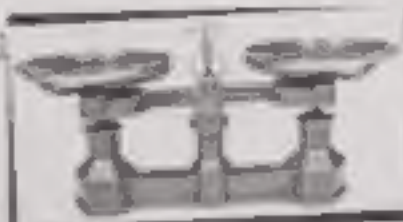


First term practical test (2015-2016).

A) Mention the name of the apparatus and its uses:

-Its name :balance scale

-Its uses: Is used to measure large masses



B) Mention the name of produced gas then label the figures:

-Produced gas is: oxygen

1- Hydrogen peroxide

2- Manganese dioxide

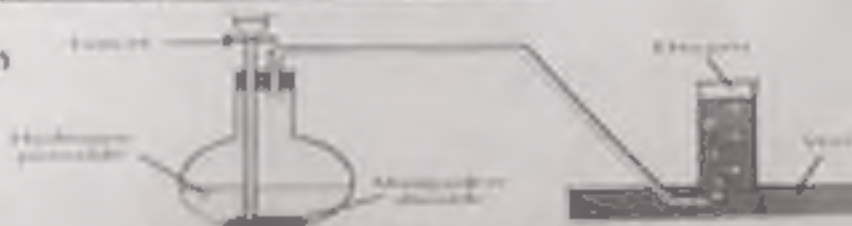


Figure 1.10: Preparation of oxygen gas by the decomposition of hydrogen peroxide.

A) Mention the name of the apparatus and its uses:

-Its name: sensitive two arm scale

-Its uses: Is used to measure small masses



B) Mention the name of produced gas then label the figures:

-Produced gas is carbon dioxide

1- Dilute hydrochloric acid

2- Calcium carbonate

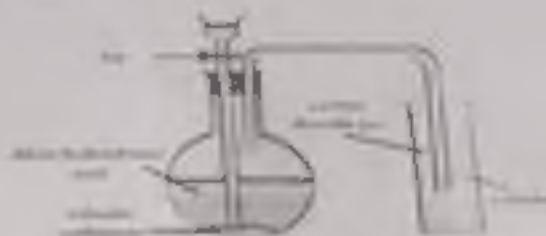


Figure 1.11: Preparation of carbon dioxide gas.

A) Mention the name of the apparatus and its uses:

-Its name :spring scale

-Its uses: Is used to measure the weight

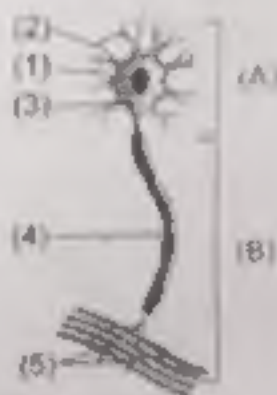


A) Mention the name of the apparatus and its uses:

- its name: the medical thermometer
- its uses: is used to measure the temperature the human body

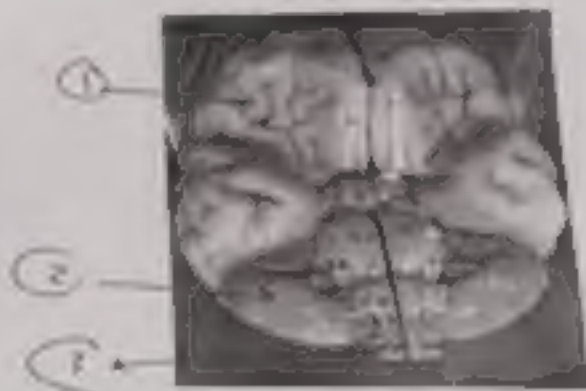
2- Label the opposite figure

- 1- nucleus
- 2- Dendrites
- 3- Cytoplasm



B) Label the organ in front of you:

- 1- Cerebrum
- 2- Cerebellum
- 3- The medulla oblongata



B) Label the apparatus in front of you:

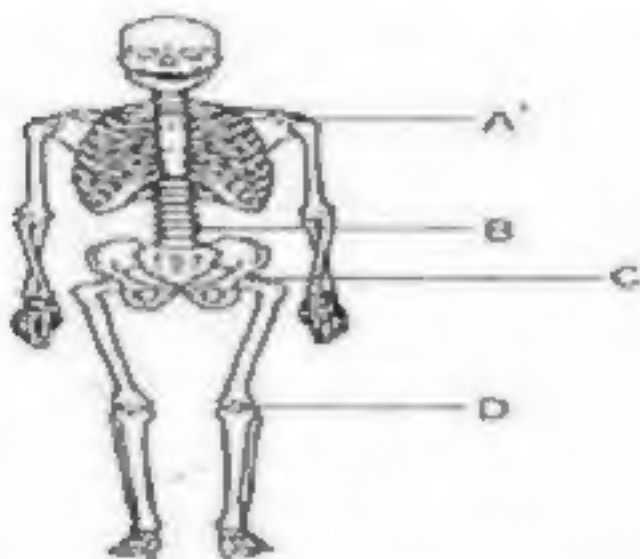
- 1- Shoulder bones
- 2- fore arm bones
- 3- hand bones



Practical exam prim 6

Exp.(1)

Write the names of the labele parts ?



A-Shoulder

B- backbone

C- pelvic

D- knee joint

Exp . (2)

1- Identify the following part of the human body ?

2- Write the names of the labeled parts ?



A- Neuron

B- 1- Nucleus

2- axon

3- terminals

Third Question :

(A) Write the scientific term for each of the following :

- 1- The basic structural unit of the nervous system.
- 2- The liquid that is used in making the Thermometers.
- 3- The amount of matter in an object.
- 4- The bony box in which the brain is located .
- 5- Materials that do not let heat flow through.
- 6- Chemical substance formed in the atmosphere as a result of combination between oxygen and nitrogen during lightning.

(B) What happens in the following state :

- 1- Passing of carbon dioxide gas in clear lime water .
- 2- The over intake of stimulant materials such as tea and coffee .

Fourth Question :

(A) Give reasons for each of the following :

- 1- During preparation of Nitrogen gas, air is passed over concentrated potassium hydroxide solution.
- 2- The rib cage surround both the heart and the lungs .
- 3- Cooking pots are made of aluminum while their handles are made of plastic and wood.

(B)

The shown apparatus used in the preparation of oxygen gas in laboratory

- Write the labels indicated by the number.

